



***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***



Applicant: Takashi SHIMIZU et al.

Title: CIRCUIT SIMULATION APPARATUS INCORPORATING  
DIFFUSION LENGTH DEPENDENCE OF TRANSISTORS AND  
METHOD FOR CREATING TRANSISTOR MODEL

Appl. No.: Unassigned

Filing Date: September 24, 2003

Examiner: Unassigned

Art Unit: Unassigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Takashi SHIMIZU  
Hironori SAKAMOTO

Enclosed are:

- [ X ] Application Data Sheet (37 CFR 1.76) (3 pages).
- [ X ] Specification, Claim(s), and Abstract (24 pages).
- [ X ] Formal drawings (7 sheets, Figures 1, 2A, 2B, 3-5, 6A, 6B, 6C, 7A, 7B, 7C).
- [ X ] Declaration and Power of Attorney (2 pages).
- [ X ] Assignment of the invention to NEC Electronics Corporation.
- [ X ] Assignment Recordation Cover Sheet.
- [ X ] Claim for Convention Priority and Priority Document.
- [ X ] Information Disclosure Statement (2 pages).

☒ Form PTO/SB/08 with copies of 3 listed references.

The filing fee is calculated below:

	Claims as Filed		Included in Basic Fee		Extra Claims		Rate		Fee Totals
Basic Fee							\$750.00		\$750.00
Total	12	-	20	=	0	x	\$18.00	=	\$0.00
Claims:									
Independent	2	-	3	=	0	x	\$84.00	=	\$0.00
ents:									
If any Multiple Dependent Claim(s) present:						+	\$280.00	=	\$0.00
							SUBTOTAL:	=	\$750.00
<input type="checkbox"/> Small Entity Fees Apply (subtract ½ of above):								=	\$0.00
							TOTAL FILING FEE:	=	\$750.00
Assignment Recordation Fee:						+	\$40.00	=	\$40.00
							TOTAL FEE	=	\$790.00

- ☒ A check in the amount of \$790.00 to cover the filing fee and fee for recordation of Assignment is enclosed.
- ☐ The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date: September 24, 2003

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